

**§ 585.117 Records.**

Each manufacturer must maintain records of the Vehicle Identification Number for each vehicle for which information is reported under § 585.116(b)(2) until December 31, 2018.

**PART 586 [RESERVED]**

**PART 587—DEFORMABLE BARRIERS**

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**FIGURES TO SUBPART C**

**AUTHORITY:** 49 U.S.C. 322, 30111, 30115, 30117, and 30166; delegation of authority at 49 CFR 1.50.

**SOURCE:** 55 FR 45779, Oct. 30, 1990, unless otherwise noted.

**EDITORIAL NOTE:** Nomenclature changes to part 587 appear at 69 FR 18803, Apr. 9, 2004.

**Subpart A—General**

**§ 587.1 Scope.**

This part describes deformable impact barriers that are to be used for testing compliance of motor vehicles with motor vehicle safety standards.

[65 FR 17198, Mar. 31, 2000]

**§ 587.2 Purpose.**

The design and performance criteria specified in this part are intended to describe measuring tools with suffi-

cient precision to give repetitive and correlative results under similar test conditions and to reflect adequately the protective performance of a motor vehicle or item of motor vehicle equipment with respect to human occupants

**§ 587.3 Application.**

This part does not in itself impose duties or liabilities on any person. It is a description of tools that are used in compliance tests to measure the performance of occupant protection systems required by the safety standards that refer to these tools. It is designed to be referenced by, and become part of, the test procedures specified in motor vehicle safety standards such as Standard No. 208, *Occupant Crash Protection*, and Standard No. 214, *Side Impact Protection*.

[65 FR 17199, Mar. 31, 2000]

**Subpart B—Side Impact Moving Deformable Barrier**

**§ 587.4 Definitions.**

All terms defined in section 102 of the National Traffic and Motor Vehicle Safety Act (15 U.S.C. 1391) are used in their statutory meaning.

**§ 587.5 Incorporated materials.**

(a) The drawings and specifications referred to in this regulation that are not set forth in full are hereby incorporated in this part by reference. These materials are thereby made part of this regulation. The Director of the Federal Register has approved the materials incorporated by reference. For materials subject to change, only the specific version approved by the Director of the Federal Register and specified in the regulation are incorporated. A notice of any change will be published in the FEDERAL REGISTER. As a convenience to the reader, the materials incorporated by reference are listed in the Finding Aid Table found at the end of this volume of the Code of Federal Regulations.

(b) The drawings and specifications incorporated in this part by reference are available for examination in the general reference section of Docket 79–04, Docket Section, National Highway Traffic Safety Administration, Room

## § 587.6

5109, 400 Seventh Street, SW., Washington, DC 20590. Copies may be obtained from Rowley-Scher Reprographics, Inc., 1111 14th Street, NW., Washington, DC 20005, telephone (202) 628-6667 or (202) 408-8789. The drawings and specifications are also on file in the reference library of the Office of the Federal Register, National Archives and Records Administration, Washington, DC.

### § 587.6 General description.

(a) The moving deformable barrier consists of component parts and component assemblies which are described in drawings and specifications that are set forth in this § 587.6 of this chapter (incorporated by reference; see § 587.5).

(b) The moving deformable barrier specifications are provided in the drawings shown in DSL-1278 through DSL-1287, except DSL-1282, and the drawing shown in DSL-1290 (DSL-1278 through DSL-1287, except for DSL-1282, and DSL-1290 are incorporated by reference; see § 587.5).

(1) The specifications for the final assembly of the moving deformable barrier are provided in the drawings shown in DSL-1278, dated June 2002.

(2) The specifications for the frame assembly of the moving deformable barrier are provided in the drawings shown in DSL-1281, dated August 20, 1980.

(3) The specifications for the face of the moving deformable barrier are provided in the drawings shown in DSL-1285, dated October 1991, and DSL-1286, dated August 20, 1980.

(4) The specifications for the ballast installation and details concerning the ballast plate are provided in drawings shown in DSL-1279 and DSL-1280, both dated August 20, 1980.

(5) The specifications for the hub assembly and details concerning the brake are provided in drawings shown in DSL-1283, dated October 1991.

(6) The specifications for the rear guide assembly are provided in drawings shown in DSL-1284, dated August 20, 1980.

(7) The specifications for the research axle assembly are provided in drawings shown in DSL-1287, dated October 1991.

(8) The specifications for the compliance axle assembly are provided in

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drawings shown in DSL-1290, dated October 1991.

(c) In configuration 2 (with two cameras and camera mounts, a light trap vane, and ballast reduced), the moving deformable barrier (crabbable axle), including the impact surface, supporting structure, and carriage, weighs 3,015 pounds, has a track width of 74 inches, and has a wheelbase of 102 inches.

(d) In configuration 2, the moving deformable barrier has the following center of gravity:

X=44.2 inches rear of front axle  
Y=0.3 inches left of longitudinal center line  
Z=19.7 inches from ground.

(e) The moving deformable barrier has the following moment of inertia:

Pitch=1669 ft-lb-sec<sup>2</sup>  
Roll=375 ft-lb-sec<sup>2</sup>  
Yaw=1897 ft-lb-sec<sup>2</sup>

[55 FR 45779, Oct. 30, 1990; 56 FR 47011, Sept. 17, 1991, as amended at 57 FR 7558, Mar. 3, 1992; 68 FR 44472, July 29, 2003]

### §§ 587.7-587.10 [Reserved]

## Subpart C—Offset Deformable Barrier

SOURCE: 65 FR 17199, Mar. 31, 2000, unless otherwise noted.

### § 587.11 [Reserved]

### § 587.12 Incorporation by reference.

Society of Automotive Engineers (SAE) Recommended Practice J211/1 Rev. MAR 95, Instrumentation for Impact Tests-Part 1—Electronic Instrumentation, is incorporated by reference in § 587.15 in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. A copy may be obtained from SAE at Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096. A copy of the material may be inspected at NHTSA's Docket Section, 400 Seventh Street, S.W., room 5109, Washington, DC, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).